CLAIMS

What Is Claimed:

Claim 1. A laminate useful in the manufacture of packages for containers

for food products comprising

a paperboard substrate,

a food contact release layer comprising a blend of

polymethylpentene and polypropylene bonded to one side of said substrate,

the laminate being ovenable.

Claim 2. The laminate of Claim 1 wherein said food contact release layer

comprises a blend of between about 25% and about 75%, by weight, of the

blend.

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Claim 3. The laminate of Claim 1 wherein said food contact release layer

exhibits a surface tension of between about 24 and about 29 dynes/cm.

Claim 4. The laminate of Claim 1 wherein said food contact release layer

is of a thickness of between about 3 and about 10 lbs/3000 ft².

Claim 5. The laminate of Claim 1 wherein said paperboard is of a basis

weight of between about 18 and 320 lbs/3000 ft².

Claim 6. The laminate of Claim 1 and including a tie layer interposed

between said paperboard substrate and said food contact release layer.

Claim 7. The laminate of Claim 6 wherein said tie layer comprises low

density polyethylene or linear low density polyethylene, modified by maleic

anhydride, vinyl acetate, acrylic acid or methacrylic acid.

Applicant: Holbert et al.

Assignee: International Paper Company

Docket No: IP-023587

Express Mail No: EU840490295US

9

Claim 8. The laminate of Claim 6 wherein the coat weight of said tie layer

is between about 1 and about 25 lbs/3000 ft2.

Claim 9. The laminate of Claim 1 wherein said food contact release layer

exhibits a surface tension of less than about 40% of the surface tension of

5 water at 20° C.

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Claim 10. The laminate of Claim 1 wherein said food contact release layer

exhibits a surface tension of less than about 75% of the surface tension of

starch whereby food products may be baked when disposed in a container

formed from the laminate of Claim 1.

10 Claim 11. The laminate of Claim 1 and including a grease resistant layer

and a tie layer, said tie layer being disposed between said food contact

release layer and grease resistant layer.

Claim 12. The laminate of Claim 1 wherein said food contact release layer

is extruded onto said paperboard substrate.

Claim 13. An ovenable, grease resistant laminate useful in the

manufacture of packages or containers for food products comprising,

a substrate,

a grease resistant layer,

a tie layer,

a food contact layer,

said tie layer being disposed between said grease resistant layer

and said food contact layer,

Applicant: Holbert et al.

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10

said grease resistant layer, said tie layer and said good contact

layer being coextruded onto said substrate.

Claim 14. The laminate of Claim 13 wherein said grease resistant layer

comprises nylon-6 or nylon6,6.

Claim 15. The laminate of Claim 14 wherein said substrate comprises a

paperboard having a basis weight of between about 18 and about 320

lbs/3000 ft².

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Claim 16. The laminate of Claim 15 wherein said food product layer

release layer comprises a blend of between about 25% and about 75%, by

weight, of the blend, of polymethyl pentene with the remainder being

polypropylene.

Claim 17. The laminate of Claim 16 wherein said tie layer comprises low

density polyethylene or linear low density polyethylene, modified with maleic

anhydride, vinyl acetate, acrylic acid or methacrylic acid.'

Claim 18. The laminate of Claim 13 wherein said laminate exhibits a

surface tension of less than about 75% of the surface tension of starch at

20° C.

Claim 19. The laminate of Claim 13 wherein said laminate is formed into

trays, bowls or plates.

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